



The

# GARSETTE

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April, 1995

The Gwinnett Amateur Radio Society

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## The PRESIDENT'S PEN

by Howard Gould, W4NVF

Welcome to all the new members that were accepted at the last club meeting. Our growth has been outstanding and beyond the expectations of many of the older club members who have been with the club since it's inception.

There are a lot of activities planned for the future weeks and months ahead so be sure to check into our weekly Tuesday night net at 2000 hrs. local and also call David, KA4KKF our Activities Manager at 963-5767 for events taking place. We still need volunteers for every event and there is no need for anyone not finding an hour or so here and there to help out.

This newsletter that you are reading is the backbone of the club and we rely upon it so much to the point that I have

received calls from members who had not received it in their mailbox or who had called inquiring if it had been sent out. This tells me that the membership is proud of their newsletter and I also am proud of the way it has grown with the club. I have said this in the past and I say it again, if it were not for the devoted people behind this newsletter, we would be in real tough shape because we rely upon three of the toughest bunch of hams I have ever had the pleasure of being associated with.

I am of course speaking of the Editor, Dean Matthews, AD4OD, the Membership Chairman Jack Herndon, KS4LS, and the PR Chairman AD4PZ.

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## Cheryl McClure, KS4PP GARS

### HAM OF THE MONTH

by Dean Matthews, AD4OD



This month's featured GARS member is Cheryl McClure, KS4PP. A native of Acworth, Georgia she graduated from North Cobb High School, and later Emory University. Cheryl now lives in Lawrenceville and works as a chemist in the toxicology laboratory at the Center for Disease Control (CDC) in Chamblee. Some of her other interests include scuba diving, which she does with her family off the Florida Keys, and astronomy.

Years ago, Cheryl's brother was a ham when he was a kid, and then let it drop. More recently her dad got the bug and became KD4KKD followed by her brother, now KD4OCC. Cheryl had the bug dropped on her when her dad gave her a Radio Shack HTX-202. One week later she passed her test to become KE4JKM. Even her mom has become a ham now, KE4OMU!

Cheryl, who through much hard work has earned her Advanced class ticket, is not the only one in the family

(HAM, Continued on p.2)



Howie Gould, W4NVF presents a plaque of appreciation to the American Red Cross for all the years they provided GARS with a meeting room, until we outgrew it this last year. Accepting the award is Cynthia Keel, Marketing Manager for the Red Cross. -Photo by Jim, Flournoy AK8E.



## GARS News

*GARS News* is the official monthly organ of the Gwinnett Amateur Radio Society serving its members and other persons interested in the advancement of the amateur radio art.

Original articles, art and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible, submit *News* items in ASCII format by posting a private message to Dean Matthews on the *GARS* conference of the Scientific Atlanta BBS (806-7372), then use the Save Attached save command, which will prompt you to upload your ASCII file. Art can be accepted in TIFF or PCX format on IBM compatible disk.

Contact the Editor for odd format compatibility, or other means of transfer. Deadline for article submissions is the first Thursday of each month.

### GARS News EDITOR

Dean Matthews, AD4OD

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The *GARS* address is:

**GWINNETT AMATEUR RADIO SOCIETY  
P.O. BOX 88  
LILBURN, GA 30226**

In keeping with the amateur spirit, permission is hereby granted for the reproduction of *GARS News* articles by other amateur club newsletters provided proper credit is given to the individual author and to *GARS News*. ♦

## JOIN GARS

Membership dues for 1995-1996 are:

\$25.00 for Individual Memberships

\$35.00 for Family Memberships

Dues reduced for mid-year additions, see membership application for details, or...

Call Jack Herndon, KS4LS at 995-0438 for more information about joining *GARS*.

(HAM, Continued from p.1)

to get the upgrade fever. Her dad recently passed his general test and bought a radio (Kenwood 450) and "Flat Top" antenna the same day. She was at her dad's place that day when they made a contact (on the brand new station) with a cousin in California couple of weeks ago who has been an avid ham for many years. They managed to meet up with him on 20 meters, with the whole family gathered together for their first coast-to-coast family contact.

CW is now Cheryl's favorite mode, though it was her nemesis a short time ago! She uses a Bencher paddle with her Yaesu FT-767GX into an off-center-fed dipole she built at the Rookie Radio session that Larry, KD4QFD hosted. She is still feeling her way around the bands, primarily on 40 & 20 Meters, though she works 10 meters on a dipole she homebrewed, as well.

On 2-Meters at home she runs an ASA 9209 collinear base antenna with her R/S HTX-202, and also a Yaesu FT-530 dual band HT. She has a Baypac TNC she has yet to get going on packet with as well, due to computer problems which she hopes to resolve shortly.

Mobile, Cheryl runs a Kenwood 732 dual -bander with a Diamond antenna, and at Ham Radio '95 she treated herself to a new Yaesu FT-900 Texas Twister to run mobile with, too. (In fine style, too - we might add!)

Cheryl has headed up our Rookie Radio program from its inception, when she was a rookie as well. Hardly a rookie anymore, now she is studying for her 20WPM CW test, which she hopes to take as we go to press with this issue. This author has seen her scrubbing the clubs portable tower, working security at hamfests, working bike races, field day, special service events and every other imaginable duty. She is a devoted *GARS* member, present at most every club function to offer her more than able assistance.

If Cheryl is a stranger to you, it is your loss. Make it a point to meet her at the next club function. *GARS* is fortunate to have active members like Cheryl, and we salute her as the *GARS* Ham Of The Month! ♦

## GARS GROWS GREATLY BY GOLLY!

Fourteen new members were voted in at the March meeting!

### Welcome these Hams to GARS:

Madeline Bawm - KE4GHB (G)  
Lawrenceville, GA

Rita Biddle, KE4WVV (T)  
Suwanee, GA

Dwight B. Bronnun, KE4OWF (T)  
Lawrenceville, GA

Don Button, AJ1T (E)  
Duluth, GA

Jim Durant, KE4MKG (P)  
Dacula, GA

Blake M. Etter, KE4VOU (T)  
Lilburn, GA

Catherine L. Krostag, KE4PCI (T)  
Jefferson, GA

Peter D. Krostag, KE4PCH (T)  
Jefferson, GA

Matt Livesay, KE4QVR (T)  
Cumming, GA

Charlotte W. Matchette, KE4OSR (T)  
Lilburn, GA

Paul C Matchette, KE4VWP (T)  
Lilburn, GA

James (Junior) O'Kelley, KE4VWN  
(T)  
Lawrenceville, GA

### Associate Members

Dwayne L. Scurlock  
Loganville, GA

Buddy Wayne Menshew  
Lawrenceville, GA

Welcome these new members at the next



## The GARS Challenge

by Charles Robison AD4MI

The objective of the Challenges and Awards Programs is to encourage members to spend time together on the radio and to promote the art of radio communications. Members that have experience and hardware are encouraged to help those that have less. Recognition will be given to members as they complete each Challenge. Radio Buddies should receive recognition at that time as well. The program will start off with 6 Challenges, and offers 9 goals for the participants to achieve.

The goals are:

The VHF or UHF Simplex Challenge:  
35 Contacts & 100 Contacts;

The HF Voice Challenge:  
35 Contacts & 100 Contacts;

The HF CW Challenge:  
35 Contacts & 100 Contacts;

The Packet Challenge: 10 Contacts;

The Not-GARS Challenge: 27 Contacts;

The Participation Challenge: 15 Points;

The Excellence In GARS Award:  
37 Contacts total .

Notes:

You must be a member at the time the contacts are made. If you drop your membership and rejoin you must start over. The Challenge will start on March 18, 1995 at 09:00 EST and will continue as long as there is reasonable participation. The club will provide recognition to members when they reach each goal. When you complete all challenges you will receive and "Excellence in GARS" award. The club will solicit Radio Buddies to assist participants that need help or a place to operate. Schedules and frequencies are suggested to make it easier, however you are not required to follow any schedule or use any certain frequency. All logs must be presented to the Challenges Program Manager.

Send Your Logs or Questions to :

Charles Robison (AD4MI),

705 Noell Way Lilburn GA 30247

Home phone 404/923-3610

( I work days )

### The VHF/UHF Simplex Challenge

**Objective:** This challenge will help members to realize that good VHF/UHF communications does not require a repeater, and it will hopefully increase the amount of time members spend together on the radio. Participation in this challenge requires minimal radio equipment and may be done while mobile, assuming you can remember the information long enough to put it in a log.

**Rules:**

1. Make VHF and/or UHF Simplex radio contacts to other GARS members.
2. You must keep a separate log for this challenge that indicates date, name, frequency, and call sign for each contact. No duplicates.
3. The exchange must include at least one piece of information from each person. ( Type of radio, Wife or kids name, Plans for the week end, etc.)
4. Only 15 log entries per day are counted toward this challenge.

**Goals:** Recognition will be given for 35 and 100 contacts.

**Suggested schedule:** Thursday night at 1930 hr. Saturday 0900 to 1200 hr.

**Frequencies:** 146.505, 146.535, 146.565, 146.595, 223.52, 223.54, 446.100, 446.125, 446.150

### The Packet Challenge

**Objective:** This challenge will improve the members knowledge of Packet Radio. Members that have Packet setups, or knowledge in this area, are encouraged to make time available to assist and train other members in achieving this goal.

**Rules:**

1. You must send at least one message station to station and one message through a mailbox or Cluster.
2. You must send and receive messages from a total of 10 GARS members, on any band or baud rate.
3. You must keep a separate log for this challenge that indicates date, name, frequency, and call sign for each contact. No duplicates.

**Suggested schedules:** Thursday night at 1930 hr. Saturday 0900 to 1200 hr.

**Frequencies:**

145.010, SNELLV 145.030, COMDEX 145.710, KK4JF 144.93 & 440.75, WA4QYY-1 441.00, N4NIA 441.00

The club will solicit Radio Buddies to assist participants that need help or a place to operate.

### The HF Voice Challenge

**Objective:** This Challenge will be especially helpful to new members that have little or no experience in HF Radio communications, as well as encouraging members to spend time together on the air.

**Rules:**

1. You must contact GARS members using 10 meter HF Phone.
2. The exchange must include RS, name, call sign, and at least one piece of information from each person. (Type of radio, who's station they are using, Wife or kids name, Plans for the week end, etc.)
3. You must keep a separate log for this challenge that indicates date, name, frequency, and call sign for each contact. No duplicates.
4. Log entries are limited to 20 per day for this challenge.

**Goals:** Recognition will be given for 35 and 100 contacts

Must use a frequency between 28.300 and 28.500 MHz..

(Suggested schedule: Thursday night at 1930 hr. and Saturday 0900 to 1200 hr. On 28.350 to 28.450 MHz.)

### The HF CW Challenge

**Objective:** This contest will be especially helpful to members that have little or no experience in CW Radio communications, and will encourage members to spend time together on the radio.

**Rules:**

1. You must contact GARS members using CW, on the Novice portion of the 80, 40 and 10 meter bands. A total of 35 contacts are required, any combination, for the first award and a minimum of 20 per band for the second award.. You can contact a person onetime per band. Do not use a computer to read or generate the code.
2. For this challenge you must keep a separate log for each band that indicates date, name, frequency, and call sign for each contact.
3. The exchange must include RST, call sign and at least one piece of information.

Challenge, Continued on p.4

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*Challenge, Continued from p.3*

ion from each person. (Type of radio, who's station you are using, Wife or kids name, Plans for the week end, etc.)

4. Log entries are limited to no more than 30 per day.

5. The Goals: Recognition will be given for any combination of 35 contacts, and at a minimum of 20 per band for a total of 100 contacts.

Suggested schedules: Thursday night at 1930 hr. and Saturday 0900 to 1200 hr. Frequencies: 3.700 to 3.725 and 7.125 to 7.150 and 28.155 to 28.175

**The Not-GARS Challenge**

Objective: To encourage participants to contact amateurs other than GARS members.

**Rules:**

1. Make Radio contact with 27 amateur stations that are not GARS members, and the letters in their calls spell "Gwinnett Amateur Radio Society".

2. Only the letter following the number in the call can be used.

3. You must keep a separate log for this challenge that indicates date, name, frequency, and call sign for each contact. No duplicates.

4. The exchange must include RST, call sign and at least one piece of information from each person. (Type of radio, who's station you are using, Wife or kids name, Plans for the week end, etc.)

5. You may use any novice or technician band and mode of operation.

Goal: Make Radio contact with 27 amateur stations that are not, yet, GARS members and the letters following the number in there calls spell "Gwinnett Amateur Radio Society"

**The Participation Challenge**

Objective: This Challenge will encourage participation in GARS and other amateur radio activities in the Gwinnett County area. The activity must be related to amateur radio in Gwinnett County, or GARS.

**Rules:**

1. You must accumulate a minimum of 4 Points in the Nets category. Running the GARS net, ARES net, or Code Practice, count as 2 points. Alternate Net Control counts as 1 point.

2. You must accumulate 5 points by actively participating in GARS special events. Special events are defined as an event to promote Amateur Radio and let the public know about the GARS club. These events include but are not limited to Field day, School events, Bike rides, and Parades. You receive 1 point for participating, and if you are ask to operate a radio, you receive 1 point for each hour you operate.

3. You must accumulate 3 points in the area of club planing. You receive 1 point for actively participating as a member of a Planing Committee that is setup to plan a GARS activity, for example field day, bicycle rides, parades, school programs, meeting with the county, etc. Being chosen chair person counts as 3 points.

4. You must accumulate 3 points in the area of club maintenance. Club maintenance includes but is not limited to, repeater, radio shack, grounds, towers, and general club business. Actively participating on 1 occasion counts as one point. Officers in the club receive 3 points in this category.

Objective: Accumulate all 15 points in the above activities.

**The Excellence in GARS Award**

The Excellence in GARS Award is a prestigious award presented to members that have earned it by proving themselves worthy of such an honor. They must prove their proficiency as a radio operator using many modes of communication. They must prove their willingness to contribute time and resources to the betterment of the community and amateur radio. They must also demonstrate a willingness and ability to support GARS in retaining excellent performance as a amateur radio club.

In order to receive this award the recipient must be a licensed amateur radio operator and a member of good standing in the Gwinnett Amateur Radio Society. They also must have proven there ability by completing all 9 segments of the GARS Challenge program.

Completing the challenge requires communicating 310 times with Club members, and 27 times with amateurs that are not yet members of GARS. The methods of communication include phone, CW, and digital. The recipient has also proven their ability to help with planning, maintenance and other club activities.

The recipient of this award deserves the respect of all amateurs, and especially club members, for accomplishing this task and their efforts as a member of the Gwinnett Amateur Radio Society. (This article is heavily condensed. Contact Charles, AD4MI for a complete GARS CHALLENGE package -ED) ♦

**Contact GARS****OFFICERS 1995-1996**

<b>President:</b>	W4NVF	Howard Gould	921-8362
<b>Vice Pres:</b>	KD4QFD	Larry Osborne	381-5611
<b>Secretary:</b>	KE4GYM	Ike Chapman	339-8123
<b>Treasurer:</b>	WA4QYY	Charles Evans	448-0930
<b>Activities:</b>	KA4KKF	David Adcock	963-5767

**COMMITTEES**

<b>Editor:</b>	AD4OD	Dean Matthews	962-8941
<b>Trustee:</b>	KO4ZS	Paul Bennett	206-0215
<b>Awards:</b>	AD4MI	Charles Robison	923-3610

**COMMITTEES, cont'd**

<b>Repeater:</b>	W4NVF	Howard Gould	921-8362
<b>Control Operators:</b>	KD4QFD	Larry Osborne	381-5611
	KS4LS	Jack Herndon	995-0438
	AD4PZ	Joe Biddle	963-4316
	KE4GYM	Ike Chapman	339-9231
	KD4KCR	Duane Hansen	962-6086
	W4NVF	Howie Gould	921-8362
	KA4EMV	Bob DeVeau	923-3963
	K4HRB	Ron Davidson	466-4932
<b>Membership:</b>	KS4LS	Jack Herndon	995-0438
<b>Publicity:</b>	AD4PZ	Joe Biddle	963-4316
	W4WKP	Johnny Fearon	466-4038
<b>Rookie Radio:</b>	KS4PP	Cheryl McClure	995-5159
<b>Field Day:</b>	AE4CQ	Vincent Hrabosky	246-9630
<b>Ham Classes:</b>	KA9UIE	Steve Idler	513-0428
<b>HF/VHF/UHF Awards Manager:</b>	KE4GGP	Don Ennest	923-4851
<b>DXCC Awards Checker:</b>	AF4Y	Frank Deak	978-6546



(Prez, continued from p.1)

These hams work very hard at getting out the news when due and they do it without question. If we lose any one of them it is going to take an awful lot to replace him so you better let them all know how you appreciate their efforts, I know I do.

We had another packed meeting in March at the Southern Seafood And Steak. The buffet was again excellent and so was the other food on the menu. Our programs were jam packed with lots of information and we ran into overtime. But everyone enjoyed themselves to the last and that is the bottom line. I met a lot of new members and their families it was sure good to see all the smiling faces that tell me that we at GARS are doing something right.

Vince, AE4CQ our Field Day Chairman gave us a good presentation, Tom, KN4DY the Assistant Director for the ARRL gave us a good look at the league and Charles, AD4MI gave us a look at the GARS Challenge which is already causing some commotion on the VHF/UHF simplex frequencies.

Tom, KN4DY is one of the newer GARS members along with his charming wife Phyllis, N5XUJ who I had the pleasure of sitting with and I found them both very sincere and willing to become part of our growing activities planned for the future.

It is through folks like these who have come to GARS over the past year that we are able to offer the fine programs and activities that we are so well known for. Thanks to all who supported the meeting place by coming to have dinner with their families and friends, and thanks to all who came to the meeting to be there to show their support for the club.

#### MEETING PLACE CLOSED

It is with sadness that I have to report that our regular meeting place has been closed due to financial and help problems. Johnny, W4WKP is heading up a committee with the help of John, KE4KPV and Ralph, KE4IHD to find a suitable place for the future GARS meetings.

#### TEMPORARY MEETING PLACE

I have set up the Justice & Administration Building for our next 3 meetings. I

(Prez, continued on p.6)

## Gwinnett Amateur Radio Society Monthly Meeting Minutes - March 16, 1995

In attendance: President Howie Gould, W4NVF; Vice President Larry Osborne, KD4QFD, Secretary Ike Chapman, KE4GYM; Treasurer Charles Evans, WA4QYY; Activities Manager David Adcock, KA4KKF. The meeting was called to order at 19:29 local time by President Gould at Southern Seafood and Steaks in Duluth. All members and visitors were asked to introduce themselves, a total of 82 persons sign the meeting log.

David Adcock, KA4KKF introduced Vince Hrabosky, AE4CQ who gave a presentation on Field Day. Vince's presentation included slides from last year's GARS Field Day in Lawrenceville and plans for the 1995 GARS Field Day to be again held at Rhodes Jordan Park in Lawrenceville.

David Adcock then introduced Tom Mills, KM4DY who gave a presentation on the ARRL. Tom is a GARS member and assistant to ARRL Southeastern Division Director Frank Butler, W4RH. Tom presented Pat Runkle, KC4DOO a ARRL certificate signed by Frank Butler recognizing Pat for her contributions to ARES and emergency communications in Gwinnett County. After his presentation, Tom held a brief Q&A session about the ARRL.

Charles Robison, AD4MI introduced the GARS Challenge Awards program. This program is designed to get GARS members on the radio talking to each other and to participate in GARS sponsored events.

Howie Gould, W4NVF reported on the progress in obtaining the Gwinnett County Commissions approval of the amendment to the agreement with the county granting GARS access to the 150 foot tower and adjacent building at Snellville. The amendment has not yet been scheduled for a county commission meeting and Howie is pursuing getting a vote scheduled. A motion was made and seconded accepting the February meeting minutes as published in the GARS Newsletter, motion passing without opposition. Charles Evans, WA4QYY gave the treasurers report, a motion was made and seconded to accept the report as given, motion passing without opposition.

Larry Osborne, KD4QFD reported on the GARS effort for Ham Radio '95. Larry thanked all volunteers for their commitment to support GARS events such as this. All tickets available through GARS at a discount price have been sold as of this meeting.

Larry also reported on the progress on the portable crank up tower. The cable for the tower has arrived and another work party is scheduled for March 18 at Marty Fowler's, KE4MLH shop in Suwanee. Larry thanked all those who have contributed time and material to the project and invited everyone out to participate in the upcoming tower work parties.

Eddie Foust, WD4JEM reported on the status of the repeater work parties. The main site at Lawrenceville has had the back up batteries moved and the put on-line in support of the repeater. Surge protection has been added to the phone lines and other work in rearranging equipment at the repeater shack has been done. The generator test and repair to the storage building still remains to be done.

Joe Biddle, AD4PZ updated the club on publicity efforts including having the new club banner displayed at the meeting.

Lee Flack, KD4HPD thanked all present for their support in the Alford Memorial Radio Club's efforts to keep the 146.760 repeater's antenna on top of Stone Mountain. Lee reported that he had received correspondence from the Stone Mountain Memorial Association and the Governor's office stating that Alford would be allowed to maintain their antennas on the top of the mountain for at least five years into the future.

Jack Herndon, KS4LS presented fourteen applications for membership in GARS. A motion was made and seconded to accept all those applying and was passes without opposition. This brings the current GARS membership to 243. The new GARS members are: Madeline Bawm, KE4GHB (T); Rita Biddle, KE4WVV (T); Dwight Bronnun, KE4OWF (T); Don Button, AJ1T (E); Jim Durant, KE4MKG (T+); Blake M. Etter, KE4VOU (T); Catherine L. Krogstag, KE4PCI (T); Peter D. Krogstag, KE4PCH (T); Matt Livesay, KE4QVR (T); Charlotte W. Matchette, KE4OSR (T); Paul C. Matchette, KE4VMP (T); Buddy Wayne Menshew (Associate); James (Junior) W. O'Kelly, KE4VWN (T); Dwayne L. Scurlock (Associate)

Howie Gould read a proposed bylaw change approved by the executive committee that would create a student membership for 1/2 current dues and a senior citizen membership for 1/2 current dues. This proposed change will be published in the next edition of the GARS newsletter and be open for discussion and vote at the April GARS meeting.

David Adcock, KA4KKF reviewed upcoming GARS activities and asked for volunteers to assist in these events.

Pat Runkle, KC4DOO gave a status on the ARES activities and asked for volunteers to help with ARES functions on Saturday, March 17 and Saturday, March 25. Pat also encouraged people to volunteer to server as net control for the weekly ARES net.

Fred Runkle, K4KAZ announced updates on the GTS repeaters. The 444.400 repeater has been removed from Gwinnett Medical Center and is being moved to Lula and should be on the air at that location later this year. Two new 440 mHz repeaters have been added to Gwinnett County, 442.850 (+) has been put into operation at Gwinnett Medical Center and 443.775 (+) is located at the Gwinnett Place Marriott. A new two meter repeater 145.190 (-) has been put into operation at the Gwinnett Medical Center. The 145.190 and the 442.850 repeaters are linked at the present time. All three of these repeaters require a CTSS of 82.5 mHz to access the repeaters. Fred invited all to use this repeaters as open repeaters especially for emergency and ARES traffic.

The HRO gift certificate was won by Phyllis Mills, N4XUJ.

The meeting was adjourned at 21:49 local time by President Gould. \*



# QUA

## 1st Tuesday,

**Metro Atlanta Telephone Pioneers**  
Old Hickory House on Chamblee-Dunwoody Rd. in Dunwoody. Dutch dinner is at 6:30PM, followed by meeting. TI-145.41-

## 1st Wednesday - HamWatch

Shoney's 11690 Alpharetta Hwy., Roswell (about 2 1/2 miles North of Holcomb Bridge Rd across from North Fulton Hospital) Dinner at 6:30PM. Meeting is at 7:30 PM

## 1st Thursday

**N.E. Georgia Amateur Radio Club**  
Jefferson Civic Center, off Memorial Dr. toward Winder from Jefferson. Meeting is at 6:30PM. TI-147.225+

## 1st Thursday - Atlanta Radio Club

Kitteredge Magnet School, North Druid Hills Rd. and Briarcliff. 6:00PM. Meeting is at 7:30PM TI-146.82-

## 2nd Wednesday

**North Fulton Radio League**  
Cherokee Cattle Company, 11208 Alpharetta Hwy. Dinner at 6:00PM. Meeting at 7:30PM TI-145.47-

## 2nd Thursday

**Alford Memorial Radio Club**  
Elks Lodge on Memorial Drive. Dinner at 6:00PM Meeting at 7:30PM. TI-146.76-

## 2nd Saturday

**East Atlanta LAN**  
Scott Blvd Baptist Church in Decatur. Meeting is at 10:00AM. TI-145.41-

## 3rd FRIDAY- (April only)

**Gwinnett Amateur Radio Society**  
Gwinnett Justice & Administration Bldg., Langley Drive-Lawrenceville. Meeting at 7:30. Pre-meeting fellowship dinner at Ryan's Steak House on Hwy 120 in L'ville begins abt. 6:00PM. TI-147.075+ ♦

(Prez, continued from p.5)

was unable to get the third Thursday of April so I took the third Friday instead. The county will only give us a meeting place for 3 months in a row so we were unable to fix a meeting place with them on a monthly basis. We will be using the Auditorium which can accommodate more than we need. So mark this down in your calendar and make note of the Friday meeting in April which is the 21st. I have not made any arrangements for a pre-dinner anywhere and will leave that up to each individual or group to decide.

### Alford/GARS PICNIC CONFIRMED

At the last Alford Memorial Club meeting, the members approved to have a joint picnic with GARS following up on my offer. We are again blessed to have good people running this Fort Yargo picnic on July 22nd from 10 AM to closing. Alford decided to let our people plan and run the event who are Marty, KE4MLH, Lewis, KE4QOV and his wife Jenny, KE4QNE along with Marty's wife Lynn.

Alford will match our funding up to two hundred dollars, and I dare say that we can have one heck of a good time for the amount allocated by both clubs. I am also checking into with the help of other GARS members the possibility of Conyers and the Jefferson clubs to join in. So plan on the picnic folks and be there to have one heck of a day in the lake etc.

### LOOKING for VOLUNTEERS

Let's talk about the individual GARS member this month and how each and every one of you fit into the plans for the future of the club. What you should be aware of is that you joined an active organization that does things together as a group. This is how we get things done. We also have a very large supply of brain power to share with those of you who are not so outdoor minded. But in return for the wealth of information we provide through our membership, we expect something in return and that is contributions from all members in the way of support. No matter what your limitations are, you have something to give to the club. The officers are there to make decisions and to turn the ideas and suggestions from the membership into some workable format.

Usually the way it works is that whoever volunteers gets stuck with the whole job by him or herself and that person has to beg for help. I am hoping this can change and that there will be numbers of GARS members-just jumping at the chance to help out in any situation. We have proven it time and time again that the more participation we have by members, the more fun it is for everyone. So how you fit into the plans of GARS is for you to volunteer to help in all active events taking place even to the point of being a Chairperson. By supporting the club this way, you insure it's growth, and you can feel the pride in yourself for doing something for your hobby by sharing your experiences with others and besides, the side benefits are getting to know your fellow Ham friends more than you could as an observer, and you may find that you have more in common than just Ham Radio.

### GARS HONORS RED CROSS

GARS has made a presentation to the American Red Cross Gwinnett Service Center which was an appreciation award in the form of a plaque. In short words we thanked them for all the years they supported the club in the way of allowing us to hold our monthly meetings. Presenting the award was myself and Jim, AK8E who was also the photographer for the occasion.

We presented the plaque to Cynthia Keel, Marketing Manager who told me if we needed any help in the way of meeting rooms for small affairs and capacity crowd of no more than 50, she would be pleased to work with us.

### LAWRENCEVILLE WORK PARTY

April 1st, we had a good crowd show up at the Lawrenceville repeater site for the final grounding stages to be done. This involved running a 1/2 inch copper pipe from the bulkhead plate where all the feedlines come in down to the electrical junction box, and over to the water tower leg. We also installed an in line lightning protector in the hard line.

We now have total protection against a strike during the up and coming thunderstorm season. Although what we have for protection won't stop a direct hit, it will provide us quite a bit of protection on the repeater and phone lines

(Prez, continued on p.7)



(Prez, continued from p.6)

which we also protected a couple of weeks prior to this.

Charles, AD4MI also had a chance to check out the generator prior to this. We also found that our back up battery system works super in that we ran the repeater on just the exciter for 3 1/2 hours without a bit of noticeable voltage drop in the batteries. Charles, WA4QYY also climbed the water tower to give our antenna a periodic check finding a little rusting at the mount which he corrected. Later on in the day John, KD4VHG climbed up to work on the hard line. All-in-all it looks good topside. Others attending the work party and giving us lots of support and donations of equipment were, Rick, KD4MQR donating tools, copper tubing, drinks, caulking; Junior, KE4VWN donating lots of labor and copper wire and climbing belt; Pickett, AD4S donating extension ladder and moral support; Joe, AD4PZ, Ike, KE4GYM, and Earl, KE4TXZ.

### SNELLVILLE REPEATER SITE

Well finally on April 4th, the Gwinnett county Commissioners signed the agreement for us to take over the repeater building and 150 foot tower at Lanier Mountain in Snellville. The club can now go forward with it's plans to make this site even better than in the past by boosting the existing packet and 440 repeater signals coming out of Snellville.

We can also now give the site a try on our 2 meter repeater frequency as soon as antenna and associated hardware get together. We also are now that closer to a 440 link between Snellville and Lawrenceville. The old repeater will be worked on and brought up to snuff and then sent to Snellville to be used as a back up machine in the event we are knocked out at Lawrenceville by a direct strike.

### LOOKING for ADDITIONAL VE's

If you are not doing anything on the 4th Friday of each month during the early evening hours, you may want to consider becoming a volunteer examiner and joining the GARS VE Team. GARS has been doing this for over a year now, and most VE's find it very rewarding.

We are looking for all classes of license except Novice and Technician including Tech+. That means if you are a General, Advanced, or Extra, we can use you. If interested, send me a SASE for

an application, or pick up an application at the next club meeting.

### IT IS MEMBERSHIP RENEWAL TIME

This is the time of the year when we have to muster up and renew our memberships. You may consider a lifetime membership if you are young and intend to stick around for a long time in this area.

Along those lines, I would hope that every member will show up at the next meeting to approve the new half price

(Prez, continued on p.8)

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(Prez, continued from p.7)

membership we are proposing for active students and senior citizens. It will be interesting to see what our roster will look like after the deadline is in for the membership renewals? I thank those of you who have renewed on time and have shown your support for the club, the early returns look promising and we are way ahead of last year. Keep them coming in.

Well, enough for this month. I look forward to meeting each and every one of you at the next meeting. In the meantime, enjoy yourselves, drive carefully, and show up with a smile on your face.

## HAM TAGS

According to the tag office, current holders of ham tags don't need to apply for a new one until next year when the new design will come out. Those who don't have and want a ham tag have until July 31, 1995 on the MV-9 form, available from the tag office. You order them now, and then get them when next years tags come out. ♦

## ROOKIE RADIO NOTES

by Cheryl McClure, KS4PP

73, Howie W4NVF

A Not Very Funny Production ♦

Our second Morse Code class wrapped up last month with some folks ready to upgrade their licenses! Thank you very much Duane, KD4KCR, for teaching the class again. Your enthusiasm for CW is thoroughly contagious! During our last class Duane even had us copying code in Spanish. He said it was probably from Cuba. A voice from the back of the class said it was more likely from Gainesville.

If you haven't heard about the GARS Challenge, you certainly soon will. Basically, it involves contacting other GARS members by various radio modes. If you need access to any radio equipment to make challenge points, please let me know and I will arrange to match you up with a GARS radio

"buddy". Don't let the lack of equipment deter you from glory.

We will be ordering radio kits for HowieLab II soon. We have a full house for our kit building class, but if your interested, let me know. I will put your name on a wait list. If there is enough interest, we will schedule another class sometime in the future.

We have a couple of members interested in another antenna building workshop. The weather should be warm enough soon. Let me know if you are interested. When we get enough people together, we will schedule the class. There is also some interest in packet radio classes and direction finding classes. Call me and let me add your name to my list (995-5159).

As always, if you want a class in any subject just give me a call. Rookie Radio is for everyone! ♦

## HT Hard Drive- from Slovakia

by Kcaj Nodnreh - SL4SK

Did you ever wish you could automate your VHF/UHF contacts? Well thanks to a small company located in Slovak Republic you can. Former communist communications and computer engineers (who are all licensed amateurs) formed the company Vicarious Amateur Products On Radio (VAPOR.)

Please allow me to digress for a short lesson on my country of Slovakia. We are located in Central Europe between Poland and Hungary. Slovakia is a small, landlocked country encompassing 48,854 square kilometers. Our total population is approximately of 5.4 million people of which 2.4 million comprise the labor force. Our beautiful capital is Bratislava, home of our company, VAPOR.

VAPOR will release it's first product, the VAPOR-1, on April 1st, 1995. The VAPOR-1 is a fully synergistic, turnkey, highly interfaceable HT accessory. It is built on a full height, 13.34 cm, 540 megabyte hard drive developed

by our sister company Ocean Barrier, also located in Bratislava. Features of the VAPOR-1 include:

- +540 megabyte drive with controller
- + Matrixed Analog to Digital (MAD) Interface (compatible with all HT's manufactured after January 1989.)
- Interfacing is via the ear and mic. jack of your HT.
- + Rugged MIL-SPEC clamps for attaching your HT
- + Smoked colored LEXAN enclosure
- + Uses your HT's LCD display and keypad for input output control
- + Extends your HT's memory locations (i.e.: channels) to a almost unlimited amount of locations/channels
- + Onboard 800 amp lead acid battery (can also power your HT)
- + Automate your ID either by voice or CW (1 to 99 wpm)
- + Adjustable QSO timer (eliminates repeater time-outs)
- + Synthesized courtesy tone during simplex operation
- + Automatic QSO logging - contact station's callsign is converted from voice to text and logged with time and date stamp.
- + Automatic insertion of Q signals when appropriate, i.e.: can say QSY prior to changing frequency, QRT prior to ending the QSO, etc.

- + Automatic CQ calling with your callsign
- + Automatic repetition of your callsign, bust big pile ups.
- + Ability to digitally record your conversations for enjoyment at a later time

The price for the VAPOR-1 is 1,500 US Dollars which includes all interfacing cables, battery and 115 volt battery charger. Your inquiries to our U.S. representative should go to:

Helen Waite - WE1FUL  
PO Box 88  
Outfox, ME 00173

(Hmmmmmm, -ED) ♦

## FOR SALE

B&W all band HF antenna kit, model AC/1.8-30 for \$50.00; Heathkit HD-1250 solid state Grid Dip Meter w/coils for 1.6-250 mHz and case for \$25.00. Call Dean Matthews, AD4OD at 962-8941 and wheel and deal.



# Return to Sassafras Mountain (The Saga Continues)

by Jud Whatley, W4NZJ

About a year ago, four (4) dedicated Ham contesters traveled to Sassafras Mtn. near Jasper to participate in the CQ's annual "160 Meter Contest".

The location is unique for such operations, but we chose this remote location because: 1) it's fun to Ham-it-up in the wilderness and picnic in our spare time, 2) it forces us to focus on our operation because of fewer distractions that may be found in one's home in a metro QTH, 3) there is a tall antenna from which to hang a large 160 meter antenna, 4) there is more land available to place several long antennas, and 5) Sassafras is about 3,500 feet in altitude which could possibly help our transmission and reception.

This year we wanted to improve our operations and our last year's score of 29,000+ points which wasn't bad considering we only ran 100 watts to an inverted "vee". Consequently, this year we brought a 1200 watt amplifier, installed two (2) short 200' bi-directional Beverage antennas to improve reception, installed an elevated "Inverted L" with 120' radials, hooked up a Packet station to assist in locating DX and rare states for valuable multipliers and points.

Lastly, we brought a lap top computer having a contest logging program for duping and logging. Well, we figured that nothing could go wrong.... WRONG!! We encountered problems we never anticipated!

First, our inverted "L" fell after a rope broke so I had to again climb the 100+' tower to re-install it. The Beverages went up quickly considering the delays met while navigating the many briars, bushes, ditches, and trees. Although the rigs and computers seemed to work fine, we did notice a TREMENDOUS amount (+\$5) of noise and interference on 160 and above!

This, by itself, would TOTALLY destroy our chances of competitively operating! That's when we determined the noise was coming from a nearby microprocessor controlled communications building built since our last visit. We almost panicked but calm returned and we quickly built a low hanging (10' high) 1/2 wave dipole about 100' from the building for noise-free reception.

Consequently, we used our external electronic antenna switch for switching the rig from the transmitting vertical to our low noise Beverages and dipole antennas for reception accordingly.

Our efforts and operations were very successful!! For example, our Beverage antennas were very low noise and directional while the dipole functioned as a general low noise back-up antenna. Also, the inverted "L" was a superb transmitting antenna giving us low-angle omni directional pattern. In fact, we logged over 350 contacts (45 states, 8 Canadian provinces, and 8 DX countries for a total of about 47,000 points!

This is a considerable improvement over the previous 29,000+ points! HOWEVER, our problems were not yet through. Upon my return to home, I THEN learned that our computer logging program failed to save the data but THANK GOODNESS for our back-up manual log!

Not all of our successes were related to equipment and antennas. Credit also belongs to this year's team which consisted of: Jim, K4AEK (Rome); Vince and Vince, Jr. (AE4CQ and KE4DYX respectively) who filled-in at the last moment due to some last minute conflicting schedules.

In conclusion, PLEASE REMEMBER the importance of ALWAYS having back-ups for each and everything, including operators! Next year, look for even greater improvements and scores!

## WORK GARS

### REPEATERS

2-Meter FM repeater 147.075 mhz +800  
70-cm FM 444.525 +5mhz acc. tone-156.7

### TELEPHONE BBS

GARS Conference in Sci-Atl BBS 806-7372

### 6-METER BEACON

WA4IOB 6 Meter Beacon at 50.075mhz

### PACKET

WD4JXR-6 / SNELLV Packet  
Node/Digipeater 145.03mhz

### SWAP, WANTED and SELL NET

Tuesdays at 8:00PM on the  
GARS Repeater. 147.075mhz

### MORSE CODE PRACTICE

An interactive Morse Code practice session follows the 8:00PM Tuesday night net on the GARS repeater, and on Thursdays at 9:00PM.

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## PROPOSED AMENDMENT to the GARS Bylaws

The executive committee has voted to propose the following change to the GARS Bylaws. This change would make the method of setting dues amount more in accordance with the bylaws and would give special consideration to full time students and senior citizens. This change to the Bylaws would become effective upon acceptance of the membership.

The current bylaws read as follows:

F.1 Annual dues for full members shall be a maximum of twenty five (25) dollars per year payable on April 1 of each year. Annual dues for full members of a single family shall be a maximum of thirty five (35) dollars per year payable on April 1 of each year. The fiscal year for purposes of finances shall be from April 1 through March 31 of the following year. A new member joining after September 30 shall pay one-half (1/2) dues to carry him through the end of that fiscal year. A member joining after December 31 shall pay one-quarter (1/4) dues to carry him through the end of that fiscal year. Annual dues to be set by GARS membership at the March meeting each year.

The bylaws would be amended to read:

F1. Annual dues for the GARS shall be established in accordance with Section G of these bylaws.

(1) The fiscal year for the purpose of finances and membership shall be from April 1 through March 31 of the following year.

(2) Except for full time students, senior citizens age 65 or over, and families, annual dues for full members shall be \$25.00 per year.

(3) Total annual dues for all members in an immediate family shall be \$35.00 per year.

(4) Dues for full time students are one-half (1/2) the normal applicable rate. Proof of full time status must be shown to the treasurer. The burden of proof is on the applicant.

(5) Dues for members age 65 and older are one-half (1/2) the normal applicable rate. Proof of age must be shown to the treasurer. The burden of proof is on the applicant.

(6) Dues for families where all immediate members are age 65 or over shall be one half (1/2) the applicable family rate. Proof of age for all seeking this reduced rate must be shown to the treasurer. The burden of proof is on the applicant.

(7) Memberships after September 30 shall be one-half (1/2) the applicable rate described above. Memberships after December 31 shall be one-quarter (1/4) the applicable rate described above. ♦

## Good News for Old Tube Rigs

by J. Pickett Cummins, AD4S

Boddicker Electronics of Frederick Maryland now provides a fairly complete service for old tube type amateur radio equipment. They have most of the production documentation and schematics for SWAN, GALAXY. This includes service bulletins and field modification notes.

Boddicker will provide most of this information free of charge if you can give them your model and serial number. They also stock and sell most of the resistors, capacitors and tubes required to keep these rigs in operation. They also have a five day turn around repair service.

One interesting service that is available involves the conversion of GALAXY and WRL transceivers to 500-800 watt linear amplifiers. They can also convert your SWAN 500C and CX models to include the 17 meter band. One of these conversions also solves the problem of VFO drift.

Boddicker stocks high voltage power supply parts and service for Drake, Galaxy, Hallicrafters, Hammarlund, Heathkit, Johnson, National, Swan, WRL and Tempo. They also have fresh electrolytic capacitors for these power supplies as well as EICO and SBE AC power supplies.

Most of the popular TV sweep tubes used as final amplifiers during this era of amateur radio are available from Boddicker. They advertise 18 matched pair

tube types including the 12JB6A which was used in sets of 3 in some rigs.

For more information contact:

Boddicker Electronics  
7311-V Grove Rd.  
Frederick, MD 21701  
1-800-215-5954

You can also get SWAN information on the SWAN Nets on 20 meters. These nets are held on 14250 MHz on Sundays at 5 PM Eastern Time and 8 PM Wednesdays. ♦

3-96

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## ARES News

by Pat Runkle, KC4DOO

Now is the time to think about making sure all of our equipment has survived the winter, and getting it ready for a spring tune-up. Time to think about upcoming Hamfests in our area, making plans to get your ARES badge made at the league booth and picking up literature that may be needed in the future.

Spring is the time of year when we think of new projects, ideas and habits. One habit you might consider is to check into the ARES net on Wednesday evenings at 8:00 on the GARS repeater (147.075+). Since some of you may be working toward the certificates that GARS awards, handling an ARES net or being an alternate net control adds points that you can earn.

If you haven't joined ARES yet, see Ike Chapman, KE4GYM or fill out the form below and mail to the address shown on the form.

### AMATEUR RADIO EMERGENCY SERVICE Gwinnett County, Georgia

CALL: \_\_\_\_\_ CLASS: \_\_\_\_\_  
LAST NAME: \_\_\_\_\_  
FIRST NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
\_\_\_\_\_

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WORK: \_\_\_\_\_ FAX: \_\_\_\_\_  
CONTACT AT WORK Y/N: \_\_\_\_\_

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CELLULAR PHONE	Y	N
ONLY 2-METER CAPABILITIES	Y	N
2-METER HANDHELD COVERAGE	Y	N
MOBILE STATION	Y	N

Return completed form to:

Patricia Runkle, KC4DOO  
Emergency Coordinator  
Gwinnett County ARES  
P.O. Box 351  
Buford, GA 30358-0351  
Phone/Fax 404/945-6356

## GARS Executive Committee Meeting Minutes Excerpts

March 9, 1995

In attendance: President Howie Gould, W4NVF; Vice President Larry Osborne, KD4QFD; Secretary Ike Chapman, KE4GYM; Treasurer Charles Evans, WA4QYY; Activities Manager David Adcock, KA4KKF; Publicity Chairman Joe Biddle, AD4PZ; GARS Awards Manager Charles Robison, AD4MI; GARS Director Johnny Fearon, W4WKP; GARS Director Duane Hanson, KD4KCR; GARS Apparel Manager Jim Baker, KR4XY.

The meeting was convened at the home of President Gould at 19:30 local time. Johnny Fearon, W4WKP and Duane Hanson, KD4KCR accepted the position on the GARS Board of Directors as provided in the GARS Bylaws. Pat Runkle has declined the directorship due to conflicts with ARES duties. The committee suggested that Randy Drescher, AC4PD be offered the open Director position. (Note: Randy later accepted the position.)

Two new high school clubs have formed at Gwinnett County high schools. The Bulldog Amateur Radio Club (BARC) at North Gwinnett High School has been formed by Evan Willey, KE4KLX and the Collins Hill Amateur Radio Club (CHARC) at Collins Hill High School has been formed by Eric Koperda, KE4HTE. The consensus of the committee was to provide support and encouragement to these new clubs.

A discussion of repeater operating practices was next. Most at the meeting agreed that there is a growing trend of undesirable operating practices such as CB type lingo and other jargon. The general consensus was that you should not call down someone on the air although gentle persuasion was considered to be okay. The commitment is to have time allocated at each club meeting to discuss this problem.

The next item on the agenda was a discussion of a proposal by Howie to revise the bylaws to provide for a student membership at \$12.50 (1/2 annual dues) and a senior citizen membership at \$12.50 (1/2 annual dues). A motion was made and seconded to propose the revision to the bylaws and was passed by a 5-0 vote.

Charles, AD4MI presented his GARS Challenge awards program. The program was reviewed by the committee. A motion was made and seconded to accept the program as presented and passed by a vote of 5-0. Charles will present the program at the March club meeting.

Jim, KR4XY, brought the committee up to date on GARS apparel sales and introduced the new GARS white baseball cap. Jim reported that he had about 50 of the red baseball caps remain to be sold.

Howie said that there had been no progress on the county commissioner's approving the amendment granting us the Snellville site. The vote was to have been taken at the commission meeting on March 7 but the item was taken off the agenda. Howie is talking to Jim Thomas and trying to determine what is delaying the approval.

The committee voted 5-0 to approve the purchase of a Cell Wave 4 bay dipole 2 meter repeater antenna that Edwin Brunot, KC4VLJ had located in Valdosta for the purchase price of \$85.00. The antenna will be used at the Snellville site or as a backup to the 4 bay antenna at Lawrenceville.

David discussed upcoming activities including the demonstrations at Southern Seafood and Steaks, George Walton Academy, Snellville Days, Hog Mountain Bike Ride, and Dacula Memorial Day Parade. The speaker for the March meeting will be Tom Mills, KM4DY who will give a presentation on the ARRL and its functions.

Joe brought the committee up to date on publicity activities. Joe has confirmed with the ARRL via E-Mail the wording for an announcement for a special event station at Snellville Days. Joe presented a proposal for GARS business cards to be made available to club members for distribution. Joe also displayed the plaque that will be presented to the Red Cross for allowing GARS to use their building for meetings. Joe proposed having a banner made for GARS by a commercial sign company out of vinyl and presented several options. The committee voted 5-0 to have a 3'x6' banner made with the words Gwinnett Amateur Radio Society and the GARS logo and the ARRL Special Service Club logo with a budget not to exceed \$185.00.

The final item for the agenda was a dialog that Howie had been having with Randy Bassett, KR4NQ of the Alford Memorial Radio Club. Alford has offered to work with GARS to allow us to provide food service at the November Alford Ham Fest. After a lively discussion, a motion was made and seconded to respectfully decline the offer. The motion passed by a vote of 4-1. Howie asked Ike to write a letter to Randy conveying the sense of the committee.

The meeting was adjourned at 22:35 local time.



### GARS MEMBERSHIP APPLICATION (SHORTER FORM)

Detach and Mail

Amateur Callsign: \_\_\_\_\_ Class: \_\_\_\_\_ Expires: \_\_\_\_/\_\_\_\_/\_\_\_\_ Date of Birth: \_\_\_\_/\_\_\_\_/\_\_\_\_  
Name: \_\_\_\_\_ Home Phone: \_\_\_\_\_  
Address: \_\_\_\_\_ Work-Phone: \_\_\_\_\_  
City/State/Zip: \_\_\_\_\_ Fax-Phone: \_\_\_\_\_

Additional members for Family Memberships:

CALLSIGN:

CLASS (circle 1)

BIRTH DATE

ARRL Y/N

LIFE?Y/N

E A G T+ T N

\_\_\_\_/\_\_\_\_/\_\_\_\_

[Y] [N]

[Y] [N]

E A G T+ T N

\_\_\_\_/\_\_\_\_/\_\_\_\_

[Y] [N]

[Y] [N]

E A G T+ T N

\_\_\_\_/\_\_\_\_/\_\_\_\_

[Y] [N]

[Y] [N]

Check Interests:

[ ] -Class instruction [ ] -Field Day operation [ ] -Repeater maintenance [ ] -GARS club booth staffing [ ] -Community events [ ] -Emergency [ ] -Administrative [ ] -Fund raisers  
[ ] Other \_\_\_\_\_

Dues: April 1 to Sept 30

From Oct. 1 to Dec. 31:

From Jan 1 to March 31

Type of membership: [ ] -Individual ARRL Member?

Y/N

\$25.00 for Individual Memberships

\$12.50 for Individual Memberships

\$6.25 for Individual Memberships

[ ] -Family Life?

Y/N

\$35.00 for Family Memberships

\$17.50 for Family Memberships

\$8.75 for Family Memberships



Mail your completed application with check made out to GARS to: Gwinnett Amateur Radio Society, PO Box 88 Lilburn, Ga 30226



## METRO AREA TEST SESSIONS

GARS Publishes Metro Area VE/VEC Exam Schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions.

1st Sunday - 2:00PM - W5YI-VEC Duane Reynolds, WB2YAD - 623-9803  
Jackson EMC, 461 Swanson Road, Lawrenceville

1st Monday - 7:30PM - Delaine McCarthy, KM4FV - 993-9758  
Roswell ARRL-VEC St Ann Catholic Church - 4905 Roswell Rd - Marietta

1st Saturday - 9:00AM - George White, KN4NG 361-6850  
Clayton Co. Emergency Mgmt Bldg 7496 N. McDonough St. - Jonesboro

2nd Sundays - 3:00PM - Mike Mahaffey, AD4OB - 974-7710  
First Presbyterian Church 183 West Main Street, Cartersville

2nd Tuesday - 7:00PM - Wayne Taylor, WD4CCA 498-7759  
Walton EMC 3645 - Lenora Church Rd, Snellville

2nd Saturday - 8:30AM - Stn Mtn CA-VEC Hal Martin, KI4RD - 978-9160  
Stone Mountain Methodist Church - 5312 West Mountain St., Stone Mtn.

3rd Saturdays - 9:00AM - Larry Huff, WA4CQZ - 955-3171  
Marietta First United Methodist Church 56 Whitlock Ave, Room 319

4th Sunday - 2:30PM - N Atlanta ARRL/VEC - Steve Schmidt, KR4DL - 242-6142  
Episcopal Church of the Atonement - Highpoint Rd, Atlanta

4th Tuesday - 7:00PM QRV ARRL-VEC Shirley Durham, KR4KO - 949-9025  
United Way Service Center - 6279 Fairburn Road, Douglasville, GA

4th Friday GARS W5YI-VEC - 7:00PM - St John Neumann Church  
801 Tom Smith Rd, off Five Forks Trickum Rd, Lilburn  
Howie Gould, W4NVF 921-8362 Headphones!

## HAMFEST CALENDAR

Apr 28-30 Dayton Hamvention, Dayton, Oh  
May 6 . . . Anderson Cnty Hamfest, Greenville, SC  
May\* 13-14 Toccoa, Hartwell, GA  
May 20-21 Hamfest, Birmingham AL

?=Date not confirmed. Several entries taken from SERA Journal.

Georgia locations are bold, Nearby locations are bold and underlined

## METRO AREA NETS AND ROUNDTABLES

Mon	146.82-	8:00PM	ARC Net
Mon	147.21+	8:00PM	Conyers ARES Net t-162.2
Mon	145.45-	8:00PM	ARES Net (Decatur)
Mon	145.41-	8:30PM	MATPARC Net
Mon	3.975	8:00PM	Swap Net
Tue	147.075+	8:00PM	Info Want Swap & Sell GARS
Tue	147.075+	9:00PM	CW Practice Net - GARS
Wed	147.075+	8:00PM	Gwinnett ARES Net
Wed	145.41-	8:00PM	QCWA Net
Wed	146.67-	9:00PM	LARC Net
Wed	146.655-	9:00PM	BSRG Net t-188.8
Thu	146.88-	8:00PM	Kennahoochie ARC
Thu	147.225+	8:00PM	NE Ga ARC (1st Thurs = 9:30)
Thu	147.15	8:00PM	simplex
Thu	147.075+	9:00PM	CW Practice Net - GARS
Thu	145.41-	9:30PM	AMSAT
Thu	Cable57	9:30PM	Amateur Television, ATV
Fri	3.898	8:00PM	GA Traders Net
Fri/Sat	146.76-	Midnight	Turnip Truck Net t-107.2
Sat	7.275	8:00AM	Swap Net
Sun	146.76-	7:00PM	Roundtable AMRC t-107.2
Sun	7.275	9:00AM	GA Traders Net
Sun	3.983	5:00PM	GA ARES
Daily	146.76-	Noon	Brown Bag Net t-107.2
Daily	146.88-	11:00PM	Late Nite Owl Net
Daily	146.79-	8:00PM	Sassafras Mtn
Daily	3.975	6:00PM	WX & Skywarn

This is a "living list", meaning it is constantly changing. If you know of additions or changes to it please contact the Editor.



P.O. Box 88  
Lilburn, Ga 30226



GARS meeting will be at the GWINNETT JUSTICE & ADMINISTRATION BUILDING, on Langley Drive on the 3rd FRIDAY, April 21st. Pre-meeting fellowship dinner starts-6PM at Ryan's Steak House- Hwy 120 in L'ville.